


Meeting Minutes Transmittal

**LERF/200 Area ETF and WESF
Project Managers Meeting
825 Jadwin / Room 554
Richland, Washington
March 28, 2013**

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.


Project Manager Representative, Ecology

Date: 23 May 2013


Project Manager Representative, RL

Date: 23 May 2013

LWFS Administrative Record	H6-08
FW Bond	H0-57
MS Collins	A6-38
KA Conaway	H0-57
BJ Dixon	T3-11
RH Engelmann	H8-45
SK Johansen	T1-41
RL Long, Jr.	A5-15
VA Turner	A6-11
LC Petersen	S5-31
PT Saueressig	S5-31
FM Simmons	H8-45

LERF/200 Area ETF and WESF
Project Managers Meeting Minutes
825 Jadwin/Room 554/700 Area
Richland, Washington

March 28, 2013

- I. The January 24, 2013, Project Managers Meeting (PMM) minutes were approved. The February 28, 2013, Project Managers Meeting (PMM) was canceled.
- II. Operational Status
- A. Linda Petersen (CHPRC) provided the operational status for LERF/200 Area ETF for January and February 2013. Ms. Petersen stated that ETF did not treat any wastewater during January 2013 while repairs to the evaporator heat exchanger were being completed. The repairs were completed, and ETF started treating wastewater in February 2013. It was noted that ETF did not treat any wastewater since September 2012 due to the ongoing heat exchanger repairs. A basin 43 campaign was recently completed, and preparations are under way to start a campaign in basin 42. Rick Bond (Ecology) asked about the contents of basin 42. Ms. Petersen stated that the contents are primarily 242-A Evaporator wastewater. Ms. Petersen noted that at one point the mixed waste burial trench leachate water was not separated out since various waste streams were allowed to go into all three basins. The chromium level in the powders will need to be checked in basin 42 to ensure it meets the Land Disposal Restriction (LDR) after the campaign is completed.

LERF Basin Liquid Level, Inventory and Waste Received during October			
	Basin 42	Basin 43	Basin 44
Basin Liquid Level and Inventory on 02/27/2013	20.6 ft. and ~6.87 Mgal	18.5 ft and ~1.90 Mgal	18.0 ft and ~5.54 Mgal
3 tanker shipments of leachate from LLBG trenches 31 & 34			~21,000 gallons
9 tanker shipments of BP-5 perched water		~22,000 gallons	
ERDF transfers		~403,210 gallons	

*The volumes in this table are estimated. Tanker shipment volumes are estimated by multiplying the number of shipments by the capacity of the tanker being used.

Effluent Treatment Facility treated no wastewater during January 2013 and treated ~1.46 Mgal of wastewater during February 2013.
200 Area Treated Effluent Disposal Facility (TEDF) received wastewater at ~34 gpm during January and February 2012, based on TEDF Flow Totalizer readings.

III. Status of Previous Agreements and Commitments

- A. October Commitment – Discussion of LERF Replacement Pump with Ecology Management

Rick Engelmann (CHPRC) stated that the LERF replacement pump is being addressed in a Class 2 permit modification that is currently in the public comment period.

IV. New Agreements and Commitments

- A. There were no new agreements or commitments identified for discussion.

V. Near Term Schedules and Ongoing Activities (Milestones, TSD Unit)

A. ETF Powder

Ms. Petersen stated that a previous basin 44 campaign comprised of mixed waste burial trench and groundwater waste streams resulted in powder that contained chromium that exceeded LDR standards. RL/CHPRC are working with the Environmental Restoration Disposal Facility (ERDF) on a path forward to treat the powder. The powder was sent to the onsite WSCF lab, and the results are expected by the second week of April 2013. Ms. Petersen stated there are 146 drums of powder from basin 43 and basin 44 campaigns, and some of the powder is in a higher rad group and the rest is in a lower rad group. The two rad groups are part of the discussion with ERDF. Mr. Bond referred to discussions with Dave Einan (EPA) seeking approval on the path forward for treating the powder at ERDF. Ms. Petersen responded that there was a planned path forward, but the rad group at ERDF expressed concern about possible "poofing" during treatment of the powder, and that issue is being worked with ERDF. Ms. Petersen added that there have been several meetings with ERDF, and RL/CHPRC requested that ERDF make a decision by next week whether or not they will accept the powder. RL/CHPRC also requested the schedule and treatment cost if ERDF accepts the powder. Mr. Engelmann noted that RL/CHPRC are still pursuing the option of disposing the powder without treatment, and the status that Ms. Petersen was providing is the contingency path forward if the powder needs to be treated to meet LDR standards. Mr. Bond asked what the treatment would consist of. Ms. Petersen responded that the treatment would be some form of stabilization, probably by grouting. Ms. Petersen noted that another treatment option is through Perma-Fix, but that option is more costly.

Ms. Petersen stated that waste from a basin 44 campaign had lower chromium levels but higher rad levels. A sample was sent to an offsite lab, and the waste was confirmed to be below LDR standards and can be sent to ERDF. Ms. Petersen stated that the waste from basin 44 will be sent to ERDF in four shipments, and three of the shipments have been sent. The last shipment was scheduled to be sent to ERDF this week. Ms. Petersen noted that the permit allows a certain number of curies in the facility, and with the shipments of the higher rad waste, the facility is freed up on the rad level.

B. ST4500 and 4502 Status

Mr. Bond stated that the public comment period for the ST4511 permit was completed with one comment regarding the 2 million gallons per day discharge limit. The comment asked why the permit allowed such a large amount of discharge when it wasn't needed. Mr. Bond stated that a response to the comment was provided, and there is internal discussion regarding the 2 million gallons versus lowering it to 1.5 or 1 million gallons as a significant discharge. Mr. Bond noted that the discharge rarely exceeds 100,000 gallons, and in the last five years it was around 25,000 gallons.

Mr. Bond noted that the ST4502 permit was renewed last year and will be in place for four more years. Mr. Engelmann reported that the first discharge monitoring report was issued under ST4502, and it was delivered via hard copy because the new electronic system wasn't working. Fen Simmons (CHPRC) noted that an issue with the verification signature has been resolved, and the electronic system is working. Mr. Bond stated that the funding has run out for water permits until Ecology's new fiscal year starts in July 2013. The current ST4500 permit will remain in place until July before work will start up on the permit.

C. LERF Basin Maintenance

Ms. Petersen provided a status on the cleanup of the LERF basin covers. Most of the vegetation has been removed from the basin 42 cover, and work was under way to remove the remaining water and mud when the cleanup efforts were moved to basin 44. The intent was to complete basin 42 before moving to basin 44; however, operations made the decision to move to basin 44 due to the start of the spring bird migration. Water is being pumped off of the basin 44 cover, and after some adjustments were made to determine the rad levels, the water may be being pumped continuously. Ms. Petersen stated that due to the sequestration (federal budget cuts), furloughs have been implemented that will impact how quickly cleanup of the basin covers can be done. Crane crews are needed to do some of the vegetation removal, and there is no longer a dedicated crane crew available. Ms. Petersen noted that MSA is placing bird deterrents around the basins and will continue to change out the deterrents since they lose their effectiveness as the season moves on.

D. Hanford Facility RCRA Permit Rev. 9 Update

Jennie Seaver (CHPRC) stated that the status is still to be determined regarding which permit units will need to go out for public comment. Ms. Seaver suggested adding an agenda item E to status updates to Rev. 8C. Ms. Seaver stated that a status under Rev. 8C would be the Class 2 permit mod for the LERF replacement pump, which started on Monday (3/25/13). A redline version was transmitted to Ecology and the Administrative Record (AR). Ms. Seaver noted that the AR is available online for the public to view. A public meeting is scheduled for April 22, at 6:00 p.m. at the Richland Ecology office, and the public notice has been submitted.

Ms. Seaver reported that there will be discussions next quarter regarding upcoming Class 1 changes to the training plans for all of the dangerous waste management units, including LERF/ETF. The changes are due to staff reductions and consolidation of positions.

VI. Approved Changes Signed Off in Accordance with TPA Section 12.2

A. There were no approved changes identified for discussion.

VII. General Discussion

A. There were no topics for general discussion.

VIII. Actions

Unit	Description of Action	Status	Date
LERF/200 Area ETF	RL will send Ecology a letter with updated copies of catch basin drawings	Action opened	04/26/12
		Jennie Seaver (CHPRC) is following up on this action	03/28/13

IX. Documents for Submittal to the Administrative Record

A. January 24, 2013, PMM minutes

X. Next Project Managers Meeting

A. Mike Collins (RL) initiated a discussion about scheduling the PMMs bimonthly. The next PMM was scheduled for April 25, 2013, with the agreement to schedule PMMs bimonthly.

**JANUARY & FEBRUARY 2013
ETF/LERF/200 AREA TEDF OPERATIONS REPORT FOR
THE MARCH 28, 2013 PMM**

LERF Basin Liquid Level, Inventory and Waste Received during Jan. & Feb. 2013			
	Basin 42	Basin 43	Basin 44
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**LERF/200 AREA, ETF, AND WESF
Project Managers Meeting
825 Jadwin / Room 554
Hanford, Washington**

**March 28, 2013
ATTENDANCE LIST**

Name	Organization	Phone Number
1. Rick Engelmann	CHPRC	376 7485
2. Kathy Knox	Knox Court Reporting	946-5535
3. LINDA Petersen	CHPRC - FGG	373-4200
4. Fan Simmiand	CHPRC - EP	372 0413
5. Rick Bond	Ecology	372-7885
6. Michael Collins	DOE	376-6536
7. Joel Williams Jr.	CHPRC	376-4282
8. Brett M. Barnes	CHPRC	521-3053
9. Stephanie Johansen	CHPRC - M+EC	373-1031
10. Jenne Seaver	CHPRC	376-7510
11. A Cawsey	"	376-3143
12. P. Sharon Brubaker	CHPRC/EP	373-9792
13. LEE Trott	CHPRC	376-1045
14. Jim Rasmussen	GSSC	via phone
15. PAUL W. MARTIN	CHPRC	376-6620
16. Brian Dixon	CHPRC	via phone 376-7053
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T PLANT, LLBG, WRAP, AND CWC PROJECT MEETING
825 Jadwin / Room 554
Hanford, Washington
March 28, 2013

10:00 a.m. to 10:30 a.m.

Agenda

- I. The October 25, 2012, and December 6, 2012, PMM minutes are approved and in Administrative Record. The January 24, 2013, PMM minutes are pending approval by RL and Ecology. The February PMMs were canceled.
- II. Operational Status
- III. Status of Previous Agreements and Commitments
- IV. New Agreements and Commitments
- V. Near Term Schedules and Ongoing Activities
 - A. HF RCRA Permit Rev. 9 Update
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions

Unit	Description of Action	Status	Date
T Plant	RL to submit proposal to Ecology for interim status monitoring compliance for 221-T tank system.	Action established.	4/26/12
		RL submitted a proposal to Ecology. Ecology is reviewing the proposal.	6/28/12
		No resolution to proposal. A status will be provided at the next PMM.	07/26/12
		No new status was provided.	10/25/12
		RL continues to review internally. No new status.	12/6/12
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting